BrM Pointers

and

Frequently Asked Questions

Updated 12/11/2015

Contents

Most common complaint about BrM:

The ... application "crashes".

In most cases, when people experience a BrM crash, what has really happened is BrM "timed out". It is set to log-off if there is no Saving or screen updating for 10 minutes. So if you are on one page for a while doing input just be sure to hit Save now and then to avoid losing your work.

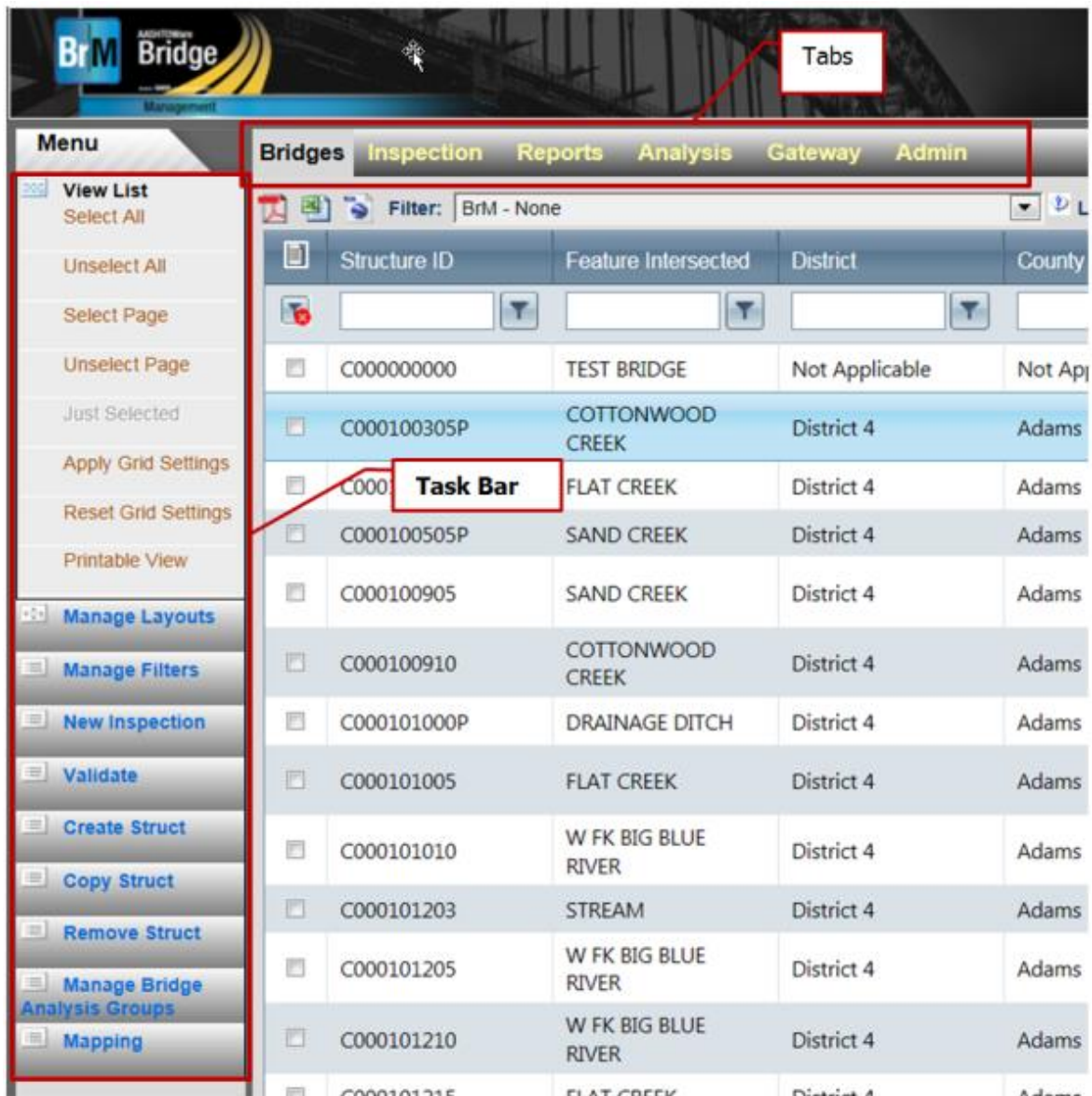## Navigation and System Basics:

Figure 1 Parts of the screen. Tabs and Task Bar

Some of the items show in Figure 1 in the Task Bar and Tabs are only available with administrative access.
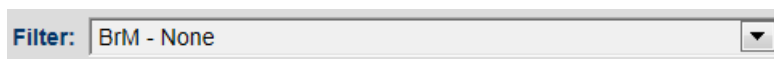
Data Filters

Data Filters can be used to select relevant groups of data from the data base. Figure 2 shows some of the Data Filtering options. Use the Filter dropdown menu slide bar to see all filtering options.
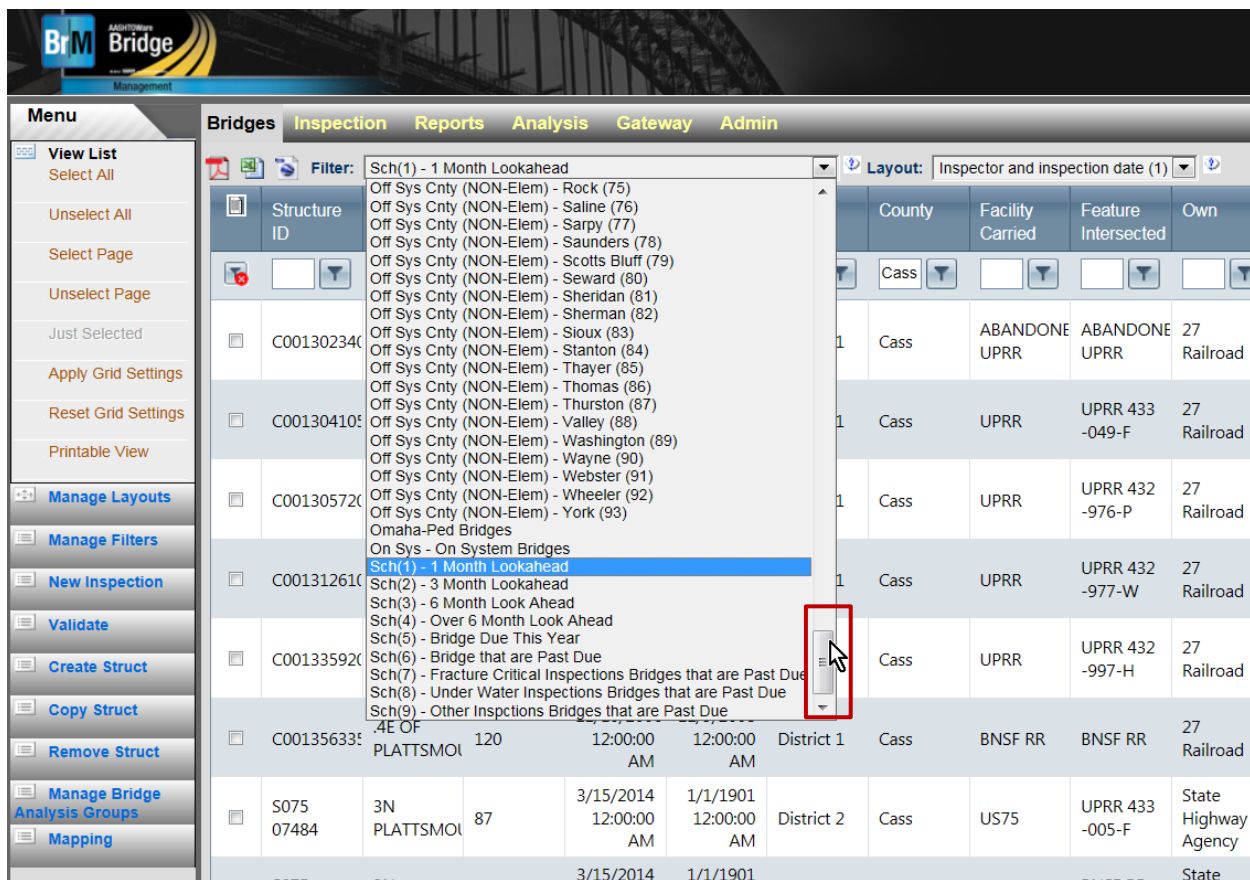
Figure 2 Filtering Menu Options

The most inclusive filter is the BrM-None filter shown in Figure 3.

Figure 3 the most inclusive filter option.

To view only active bridges use the BrM – Active Status filter. Note that NDOR does retain records of inactive bridges in BrM.

Layouts

Layouts determine the column headings. Some of the layouts can be customized and new layouts can be created. Please contact NDOR Bridge Data and Inventory Section if layout modification could better serve your purposes.

**Figure 4 Some Layout Menu Options.**

Column Filters

Column filters can be used in conjunction with Data filters and Layouts to narrow the search for relevant information. In Figure 5 Column Filters are used with a 1 Month Look-ahead Data Filter to see structures that are in Merrick County and not owned by the Railroad that should be inspected in the next month.

Figure 5 Example of 1 Month Look-ahead for Merrick County inspections of non-Railroad structures.

Selecting and Unselecting Bridges

Any visible bridges can be selected or unselected by double clicking the row or clicking in the check box on the bridge list as shown in Figure 6.
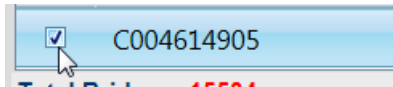
Figure 6 Manually selecting a structure

The selection options on the Taskbar menu shown in Figure 7 can be used to select and deselect larger numbers of bridges. Note that only bridges that bridges can not be deselected if they have been hidden by a filter. To unselect all bridges it may first be necessary to remove data filters that have been applied.
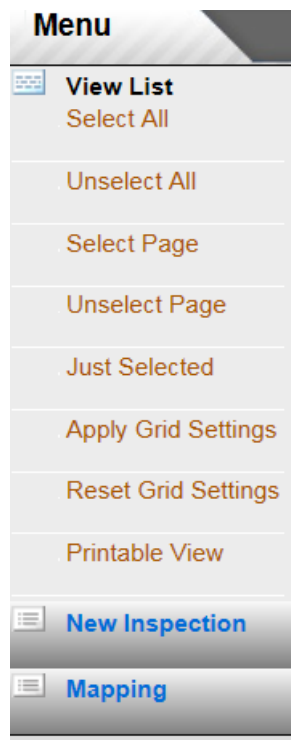
Figure 7 Selection Options in the Taskbar

The total number of structures selected with the use of Data and Column Filters is shown at the bottom right of the screen as can be seen in Figure 8. If the total number can be displayed on one page then this area is blank.

Figure 8. Bottom Right of screen shows total number of structures found by use of filters.

Exporting Information from BrM

Bridge information can be exported to a PDF, an Excel file or a KMZ file for viewing on Google Earth. Exports to PDFs or Excel will contain the column headings shown by the Layout. All selected bridges can be exported to these file formats by clicking the icons shown in Figure 10.

Figure 10 Bridge Information Export icons

Layout Export Example

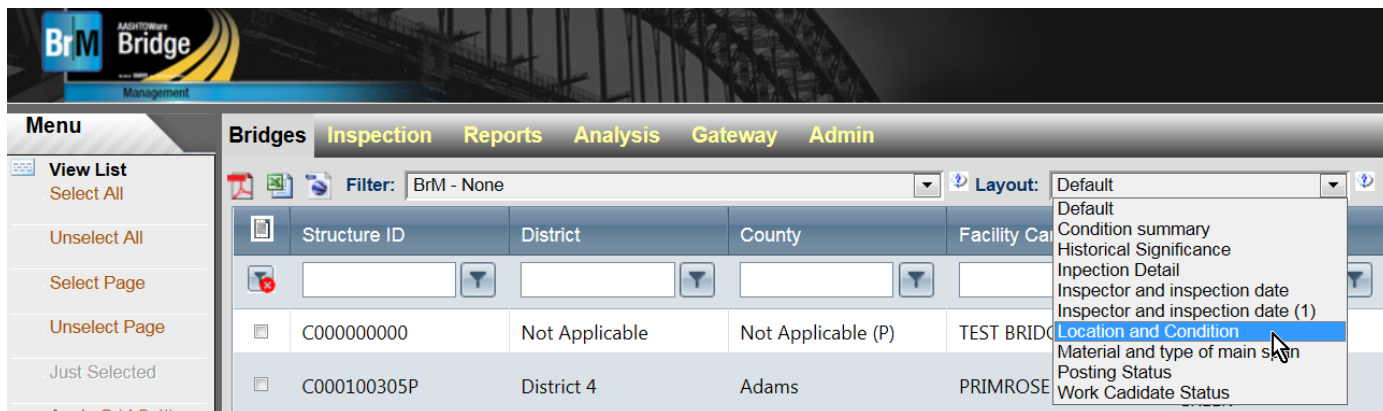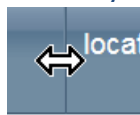This is the Layout that contains Lat Long and other information:

Figure 11 Choosing a Layout

The columns for the Location and Condition Layout may appear very narrow.

You can widen them by hovering your cursor over the column dividers and when you see this

cursor symbol just click and hold then pull the column wider.

Figure 12 shows how to set the filters to see bridges in Webster County that are owned by the County by using the "Starts With" fliter:
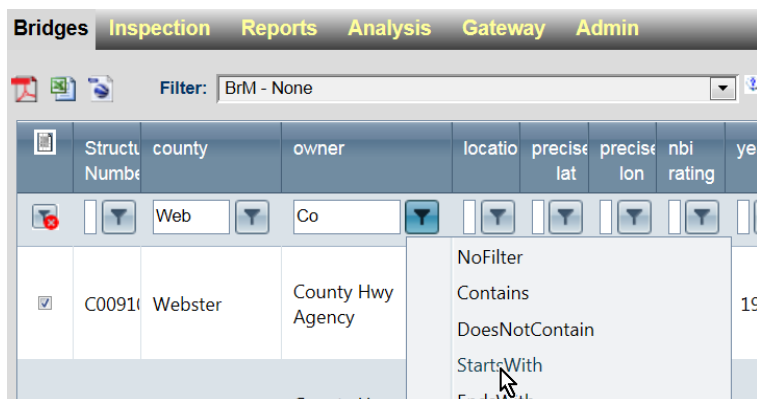

Figure 12 Example of using the "Starts With" filter

Using "Select All" from the Task Bar as shown in Figure 13 will select all bridges that have not been hidden by the filters.
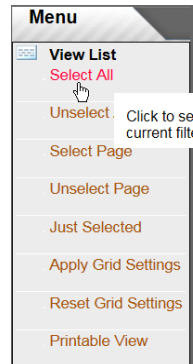

Figure 13

After bridges are selected they can be exported to a PDF, Excel or a KMZ file for viewing in Google Earth by using the icons shown in Figure 14.
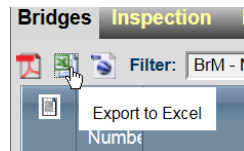

Figure 14

If you export to Excel, when you save be sure to change the file type to a .xls or .xlsx.

Create a Report
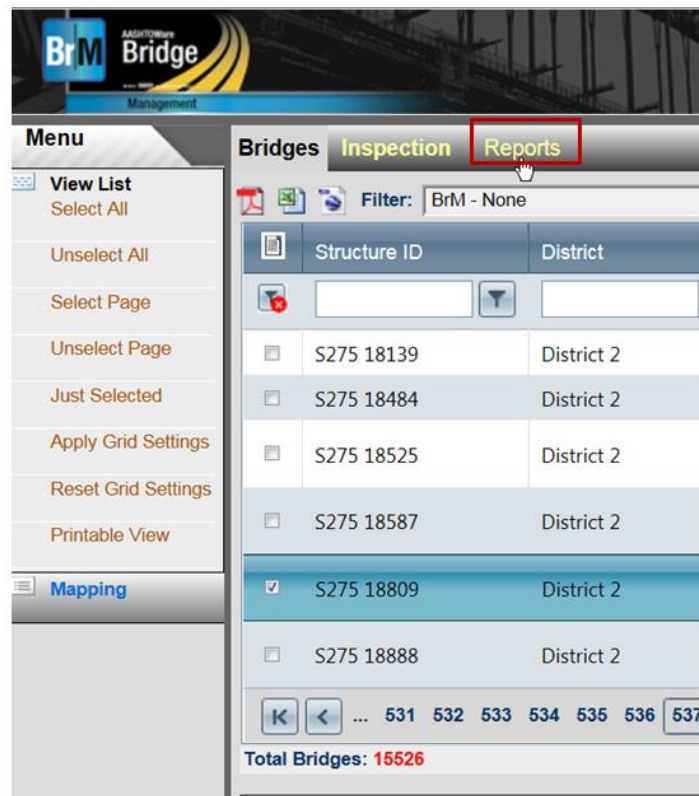
Step 1: Select a bridge or a group of bridges then Click the Reports Tab.

Figure 15 Example of Selecting S275 18809

Step 2: Select the Report

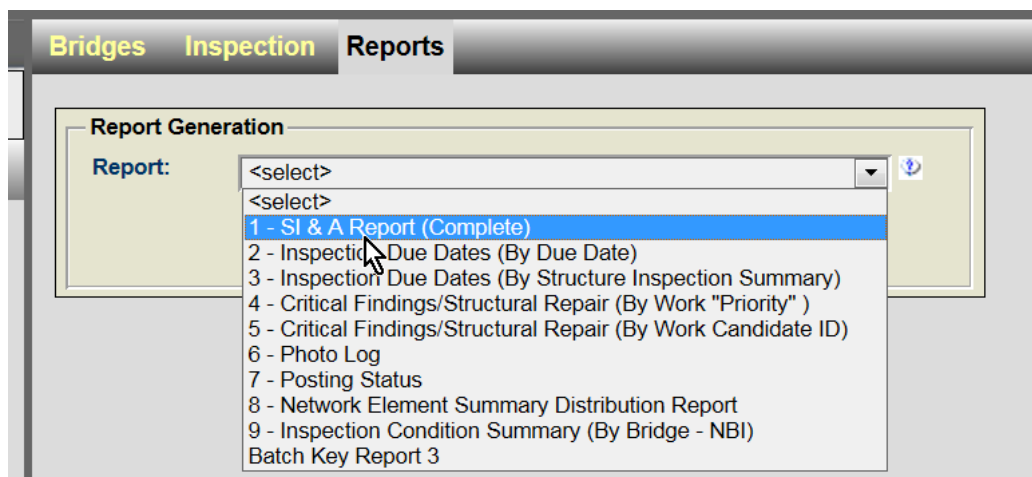For complete inventory and appraisal information the SI&A report is a good choice.

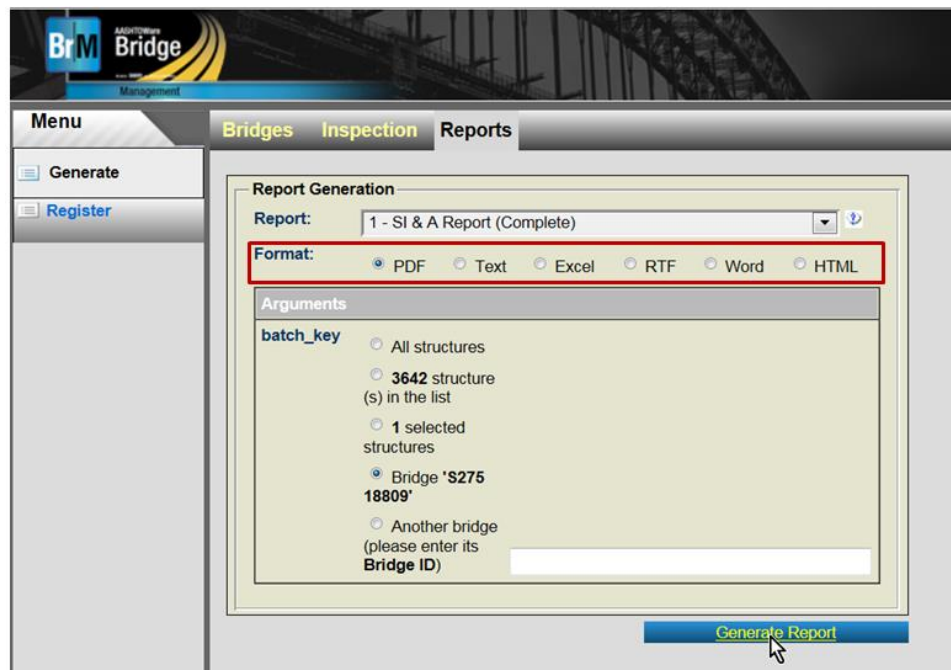Figure 15 Showing the Report selection options

Step 3:

Figure 16 Showing format options for Reports

Creating New Inspections

Regular NBI Inspections

To create a new Regular NBI Inspection first select the bridge in the Bridge Tab then select New Inspection in the Task Bar as shown in Figure 17.

Figure 17

Figure 18 Creating a Regular NBI Inspection

After selecting Create, please select your Inspection Group from the dropdown menu and check to see that the date that is shown for the Next Inspection is correct as shown in Figure 19.

Figure 19 Selecting Inspection Group and Checking the Next Inspection Date

After Saving and Closing the new Inspection Record is ready for entry of new appraisal information.